

Peak District National Park

Forecast valid from 00:00 on Monday 03 May 2021 until 23:59 on Tuesday 04 May 2021

Forecast Issued on Sunday 02 May 2021 at 10:16

Confidence: High for very unsettled conditions Monday and Tuesday, followed by lighter winds with showers. Also high for below average temperatures. Lower confidence for cloud and precipitation detail.

Headline for Monday 03 May 2021: Soon turning wet and windy. Rain clears for a time in the evening before heavy showers follow.

Mountain weather hazards on Monday 03 May 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
High Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
High Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
High Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Partly cloudy (night)	Cloudy	Cloudy	Light rain showers	Heavy Rain	Heavy Rain	Heavy Rain	Heavy rain showers
Precipitation probability							
<05%	00%	30%	60%	90%	90%	90%	80%

Forecast for Monday 03 May 2021

Weather: Cloud gradually thickening through the early hours with some showers arriving towards daybreak. Showers become more frequent and merge with longer spells of rain developing through the morning, perhaps briefly falling as sleet or snow on the highest summits. Rain becomes heavy and persistent through the afternoon, gradually clearing again by early evening. However, this is followed by heavy and potentially thundery showers later in the evening.

Chance of cloud free mountain/hill tops above 600m: 50% at first becoming near Zero for a time by afternoon, then 40-80% during the evening.

Visibility: Occasionally poor above 500m at first, but moderate to good below. However, deteriorating to generally poor or very poor above around 400-500m by afternoon in extensive cloud. Improving mostly good for a time in the early evening as cloud breaks, but further deteriorations to poor in heavy showers, especially above 400-500m, as the evening progresses.

Forecast for Monday 03 May 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/14 SW	13/17 SW	15/21 SW	19/26 SW	28/38 S	36/50 S	31/44 SW	29/41 SW	28/40 W
300	6/11 SW	8/14 SW	10/17 S	15/22 S	20/32 S	28/44 S	23/37 SW	21/33 SW	20/33 W
Valley	3/9 SW	4/12 S	7/16 S	9/19 S	15/31 S	20/41 S	16/33 SW	14/31 SW	14/30 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-2	2/-3	2/-3	3/-3	2/-4	2/-6	4/-2	4/-3	4/-3
300	4/2	4/1	4/1	5/1	5/-0	5/-1	7/2	6/1	6/1
Valley	5/4	4/3	5/3	6/3	6/2	6/0	7/3	7/3	6/3
Freezing Level*	900m	900m	1000m	900m	900m	900m	1200m	1200m	1200m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Occasional gusts around 50mph during the afternoon across the highest summits.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at
14:00 on Sun 02 May 2021

Last 24 hours:
n/a

Last 48 hours:
n/a

Last 72 hours:
n/a

Forecast for Tuesday 04 May 2021

Weather: Further rain or showers on Tuesday will only slowly clear south through the day. However, by evening mostly dry conditions with clear spells are expected to develop.

Maximum wind: Northwest 30mph gusts 45mph Tuesday morning, slowly easing towards evening.

Chance of cloud free mountain/hill tops above 600m: Near Zero across the summits through much of the morning but improving to around 80% by evening.

Visibility: Mostly poor or very poor above around 400-500m through the morning, gradually improving through the afternoon to become mostly good into the evening.

Temperature: **Valleys:** Plus 5 degrees Celsius becoming Plus 9 degrees Celsius.

At 600m: Plus 3 degrees Celsius, falling near Zero Celsius later.

Freezing level: 800m falling to near 600m through the evening.